

## Product datasheet for **SC401978**

### MIR514b Human MicroRNA Expression Plasmid (MI0014251)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Human  
**Vector:** pCMV-MIR (PCMVMIR)  
**Precursor:** CAUGUGGUACUCUUCUCAAGAGGGAGGCAAUCAUGUGUAAUUAGAUUAGAUUGACACCUCUGUGAGUGGAGUACACAUG  
**Mature Sequence:** UUCUCAAGAGGGAGGCAAUCAU

**Full insert:** >MI0014251 GTATAGCATAGTGATAATAATGCTGTAATTGTTTACTGGAAATTTGATAAGAGAGCAGATTTTAAAGTGTC  
CTCACCACACCCCAACAACACACACACAAATGGTAACTAAGAGCGGTGAATGATGTGTTAGTTAATTTTA  
CTATGGTAATCAGTACGCGATGTATATACATATCAAATCACATTGCACACCTTGAATATATACAAATTTT  
GTTTGTCAATTACATATTTTTAAATATAAAAAGAAAGGTGCATGAGTCAGTCATTAGGCTGGGCTGCCA  
TCCTTAAGTGTCTATTCTTCATGTGGTACTCTCTCAAGAGGGAGGCAATCATGTGTAATTAGATATGA  
TTGACACCTCTGTGAGTGGAGTAACACATGATATACATCATATGACATGGCATGGTGGATACACGGGG  
CGTGTTAAGTTGCAAGCAGTATAATACTTTCCCTAGAATGCAGACATTCTACTGACACCCTCCCTGTTT  
TGGACTAGCTCAGTTAATTCTCTAAATTAATTATCAGACGTAAGACCTAGAAAAGTAAAAGTCTGAGGAAA  
AACTTCCCATTGAGTTTCTTCTGAGATTCAGATCCCTTTTGCCAAAGTTGCTTGACCAAAATGGTAACAA  
GCCTTTCACGTCTTCATGGTGTCTGTCCACTATAAAGTGTTTTTTCT

**OTI Disclaimer:** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in [miRBase](#). The flanking sequence of a miRNA clone may differ from the NCBI reference with respect to biological polymorphisms. This should not affect the function of the mature miRNA.

**E. coli Selection:** Kanamycin (25 ug/mL)

**Mammalian Cell Selection:** Neomycin

**Components:** 1 x 10 ug vial miRNA plasmid lyophilized in a 2-D bar-coded Matrix tube

**Also Contains:** Both mature and minor (star) miRNA can be over expressed from the construct.

**RefSeq:** [MI0014251](#)

**Locus ID:** 100422847



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